

DECLARATION AND POWER OF
ATTORNEY FOR PATENT APPLICATION
(37 CFR 1.63)

Declaration Submitted with Initial Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16(e))
required)

Attorney Docket Numb	per 42P18551
First Named Inventor	Kuljit S. Bains
C	OMPLETE IF KNOWN
Application Number	10/750,154
Filing Date	December 31, 2003
Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original, first and sole inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS TO COUNTER MISMATCHED	BURST LENGTHS
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	į
(Title of the Invention)	
the specification of which	
is attached hereto.	
OR	
was filed on (if applicable):	
or 12/31/2003 as United States Application Number PCT International Application Number	10/750,154
and was amended on	_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the clalmed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the clalmed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose Information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

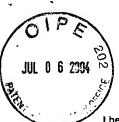
Prior Foreign Application(s)	۱:
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Prior Foreign Application(s):						
Prior Foreign Application Number(s)	Countr	У	Foreign Filing Date (MM/DD/YYYY)		iority Claimed	Certified Copy Attached?
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I hereby appoint the person this document) as my resperevocation, to prosecute this Office connected herewith.	ctive patent atte	omeys a	nd patent agents	with ful	l power o	of substitution and
Direct all correspondence to:	Customer N	umber	08791	or 🔲 (Correspon	dence address below
Name Blakely, Sokoloff,	Taylor & Zafman	LLP				
	ulevard, 7th Floor		· · · · · ·			
City Los Angeles		State	California		Zip Code	90025
Country	Te	elephone	(408) 720-8300	,	Fax	(408) 720-8383
I hereby declare that all star made on information and be with the knowledge that will imprisonment, or both, under validity of the application or	lief are believed ful false stateme r 18 U.S.C. 100	i to be tr ents and 01 and ti	ue; and further that the like so made hat such willful fal	at these are pun	stateme ishable t	nts were made by fine or
NAME OF SOLE OR FIRST	INVENTOR:	☐ A pe	etition has been fil	ed for th	is under	signed inventor
Full Name:			Kuljit S. Bains			
	(First, Middle	[if any],	Family Name (or Surr	iame), and		
Inventor's Signature	Low	<u> </u>	Dat	е	8/10	104
Residence Olympia, Wash	ington USA		Citize	nship	India	
	(City, State, Count	(צמ'		•		(Country)
Mailing Address 9146 52n	d Lane NE					

Docket No. 42P18551

Olympia, Washington 98516 USA

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		aily Name (or Surname), and Suffi	x [if any])
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full Name:	(First, Middle (if any), Fan	nily Name (or Surname), and Suffi	x fif anvl)
nventor's Signature	(1 1131, 111aane 19 any), 1 an	Date	
Residence Bear	rerton, Oregon USA	Citizenship Canad	
	(City, State, Country)	·	(Country)
Mailing Address	3542 N.W. 163rd Court Beaverton, Oregon 97006 USA		
full Name:			
		illy Name (or Surname), and Suffi	x [if any])
Inventor's Signature		Date	
Residence		Citizenship	
	(City, State, Country)		(Country)
Mailing Address			
	n Carolina has	been filed for this undersign	and inventor
NAME OF FIFTH II	VENTOR: A pedition has	been filed for this undersign	ied inventor
Full Name:			
		ily Name (or Surname), and Suffi	x [if any])
	•	Date	
Inventor's Signature			
_	· ·	Citizenship	
Inventor's Signature	(City , State, Country)	Citizenship	(Country)
_		Citizenship	(Country)
Residence		Citizenship	(Country)



Appendix A

I hereby appoint with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, a firm including; William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; Anthony H. Azure, Reg. No. 52,580; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Todd. M. Becker, Reg. No. 43,487; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 48,149; Gregory D. Caldwell, Reg. No. 39,926; Thomas M. Coester, Reg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 48,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; Angelo J. Gaz, Reg. No. A5,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; J. Scott Heileson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steve Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mailie, Reg. No. 36,591; Andre L. Marals, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Heather M. Molleur, Reg No. 50,432; Richard A. Nakashima, Reg. No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Philip A. Pedigo, Reg. No. P-52,107; Marina Portnova, Reg. No. 45,750; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Kevln G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Torn, Reg. No. P-52,291; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; C. Teresa Wong, Reg. No. 48.042; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Brent E. Vecchia, Reg. No. 48,011, and Lehua Wang, Reg. No. 48,023; my patent agents, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800. I also appoint Alan K. Aldous, Reg. No. 31,905; Rob D. Anderson, Reg. No. 33,826; Shireen I. Bacon, Reg. No. 40,494; Michael Barre, Reg. No. 44,023; Jay P. Beale, Reg. No. 50,901; R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert Chang, Reg. No. 48, 765; George Chen, Reg. No. 50,807; Glen B. Chol, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; Ted A. Crawford, Reg. No. 50,610; Robert Diehl, Reg. No. 35,118; Jeffrey S. Draeger, Reg. No. 41,000; Cynthla Thomas Faatz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Libby Hope, Reg. No. 46,774; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,670; Peter Lam, Reg. No. 44,855; Issac Lin, Reg. No. 50,672; Anthony Martinez, Reg. No. 44,223; Molly McCall, Reg. No. 48,126; Larry Mennemeier, Reg. No. 51,003; Erik M. Metzger, Reg. No. 53,320; Paul Nagy, Reg. No. 37,896; Michael J. Nesheiwat, Reg. No. 47,819; Dennis A. Nicholls, Reg. No. 42,036; Lanny Parker, Reg. No. 43,021; Kevin A. Reif, Reg. No. 39,996; Michael D. Plimler, Reg. No. 43,004; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 38,381; Crystal D. Sayles, Reg. No. 44,316; Russell Scott, Reg. No. 43,103; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Ami P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Paul E. Steiner, Reg. No. 41,328; Jonl D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; John F. Travis, Reg. No. 43,203; Robert Wawrzyn, Reg. No. 54,654; Calvin E. Wells, Reg. No. 43,256; Stuart Whittington, Reg. No. 45,215; Michael Willardson, Reg. No. 50,856; Robert Winkle, Reg. No. 37,474; Rita Wisor, Reg. No. 41,382; Sharon Wong, Reg. No. 37,760; and Steven D. Yates, Reg. No. 42,242; my patent attorneys, and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Blvd., Santa Clara, CA 95052, telephone (408)765-8080; and James R. Thein, Reg. No. 31,710, and John F. Kacvinsky, Reg. No. 40,040, my patent attorneys; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.



BEST AVAILABLE COPY

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability.

(a) A patent by its very nature is affected with a public Interest. The public Interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information, which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or Inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to discross to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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DECLARATION AND POWER OF
ATTORNEY FOR PATENT APPLICATION
(37 CFR 1.63)

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Submitted after initial
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(37 CFR 1.16(e))
required)

Attorney Docket Numb	per 42P18551	
First Named Inventor	Kuljit S. Bains	
	OMPLETE IF KNOWN	
Application Number	10/750,154	
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Examiner Name		

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or 12/31/2003 as United States Application Number PCT International Application Number	10/750,154
and was amended on	(if applicable)

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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also Identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

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Name Bla	akely, Sokoloff, Ta	ylor & Zafinan LL	.P				
	400 Wilshire Boule					 	
City Lo	s Angeles		State C	California		Zip Code	90025
Country		Telep	ohone (408) 720-8300		Fax	(408) 720-8383
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NAME OF SECOND INVENTOR:	A petition has been fi	led for this unde	rsigned inventor
Full Name:	John B.		·
Inventor's Signature	irti, Middle [if day], Family Name		Suffix (if any))
Residence Beaverton, Oregon US		Citizenship (USA
	State, Country)	_	(Country)
Mailing Address 15045 Emerald C			
Beaverton, Orego	M 97007 USA		
•			
NAME OF THIRD INVENTOR:	☐ A petition has been fi	led for this unde	rsigned inventor
Full Name:	Randy B.	Osborne	
(F	irst, Middle [tf any], Family Name	e (or Surname), and	Suffix [if any])
Inventor's Signature		Date	
Residence Beaverton, Oregon US	:A	Citizanabla (7d
	State, Country)	Citizenship C	(Country)
Mailing Address 3542 N.W. 163rd	**		(Country)
Beaverton, Orego			
NAME OF FOURTH INVENTOR: Full Name:	A petition has been fi		
Inventor's Signature		Date	Sujjix (ij anyj)
		Date	
Residence		Citizenship	
	state, Country)		(Country)
Mailing Address			
NAME OF FIFTH INVENTOR: Full Name:	A petition has been fi	led for this unde	rsigned Inventor
	irst, Middle [if any], Family Name	(or Surname) and	Suffix (if any))
Inventor's Signature		Date	Super English
Residence		Citizenship	
	State, Country)		(Country)
Mailing Address		·	
Docket No. 42P18551	-3-		,



Appendix A

I hereby appoint with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, a firm Including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; Anthony H. Azure, Reg. No. 52,580; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Todd. M. Becker, Reg. No. 43,487; Michael A. Bernadicou, Rsg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Rsg. No. 46,149; Gregory D. Caldwell, Rsg. No. 39,926; Thomas M. Coester, Rsg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 48,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Terek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; J. Scott Helleson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steve Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonse, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Heather M. Molleur, Reg No. 50,432; Richard A. Nakashima, Reg. No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Philip A. Pedigo, Reg. No. P-52,107; Marina Portnova, Reg. No. 45,750; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. 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No. 43,546; Kenneth Cool, Reg. No. 40,570; Ted A. Crawford, Reg. No. 50,610; Robert Diehl, Reg. No. 35,118; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Libby Hope, Reg. No. 46,774; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,670; Peter Lam, Reg. No. 44,855; Issac Lin, Reg. No. 50,672; Anthony Martinez, Reg. No. 44,223; Molly McCall, Reg. No. 46,126; Larry Mennemeier, Reg. No. 46,283; Molly McCall, Reg. No. 46,126; Larry Mennemeier, Reg. No. 46,283; Molly McCall, Reg. No. 46,126; Larry Mennemeier, Reg. No. 46,283; Molly McCall, Reg. No. 46,126; Larry Mennemeier, Reg. No. 47,040 51,003; Erik M. Metzger, Reg. No. 53,320; Paul Nagy, Reg. No. 37,898; Michael J. Neshelwat, Reg. No. 47,819; Dennis A. Nicholls, Reg. No. 42,036; Lanny Parker, Reg. No. 44,281; Alan Pedersen-Giles, Reg. No. 39,998; Michael D. Pilmier, Reg. No. 43,004; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 36,381; Crystal D. Sayles, Reg. No. 44,318; Russell Scott, Reg. No. 43,103; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Aml P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Paul E. Steiner, Reg. No. 41,326; Joni D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; John F. Travis, Reg. No. 43,203; Robert Wawrzyn, Reg. No. 54,654; Calvin E. Wells, Reg. No. 43,256; Stuart Whittington, Reg. No. 45,215; Michael Willardson, Reg. No. 50,856; Robert Winkle, Reg. No. 37,474; Rita Wisor, Reg. No. 41,382; Sharon Wong, Reg. No. 37,760; and Steven D. Yates, Reg. No. 42,242; my patent attorneys, and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Blvd., Santa Clara, CA 95052, telephone (408)765-8080; and James R. Theln, Reg. No. 31,710, and John F. Kacvinsky, Reg. No. 40,040, my patent attorneys; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

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Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information, which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by \$\$1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or examine:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filling or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prime facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filling date of the prior application and the national or PCT international filling date of the continuation-in-part application.

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	DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICAT (37 CFR 1.63)	ION	First Named Invento	,		1
	Declaration Submitted OR With Initial Submitted OR		Application Number Filing Date Art Unit	December 31, 2003		-
· (Filing (37 CFR 1.18(*)) required) As a below named inventor, I hereby deci	lare th	Examiner Name			J
·	My residence, mailing address, and citizenshing believe I am the original, first and sole inventionents (If plural names are listed below) of the patent is sought on the invention entitled:	ip are a for (if or he subj	as stated below, ne nly one name listed act matter which is	below) or an original a claimed and for which	anc joint 1 a	-
	METHOD AND APPARATUS TO		TER MISMATCHE	D BURST LENGTHS		
	the specification of which Is attached hereto. OR	,				
	was filed on (if applicable): or 12/31/2003 as United S PCT Interna	tates A itional /	pplication Number Application Number	(if applicable)	_	
	I hereby state that I have reviewed and unders including the claim(s), as emended by any am	endme	nt specifically refer	red to above.		
,	I do not know and do not believe that the claim of America before my invention thereof, or pat before my invention thereof or more than one to believe that the claimed invention was in publication are prior to this application, nor do I know the subject of an inventor's certificate issued to the United States of America on an application than twelve months (for a utility patent application.)	ented of year price use of person of the per	or designated in any jor to this application or on sale in the Ur lieve that the inventhe date of this apply me or my legal in a six months (for a	printed publication in a in. I do not know and lited States of America tion has been patented lication in any country representatives or assi design patent applicat	do not a more than do made foreign to gno more ion prior to	1
	acknowledge the duty to disclose information 1.58, including for continuation-in-part application filling date of the prior application and the continuation-in-part application.	DOMS. N	nateriai mioimausti	Millell populity events	37 CFR ble between	T.
	Docket No. 42P18551		-1-			

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07/06/04 TUE 17:20 FAX 4087208381 +5037122774 T-468 P.005/008 F-165 Jul-04-2004 11:25am From-INTEL I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 355(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for pater inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s): Certified Copy Foreign Filing Date Priority Prior Foreign Application Country Not Claimed Attached (MWDD/YYYY) Number(s) Yes No □ Y∞ □ 🔲 Yes 🔲 ☐Yes Yes 🗀 I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. or Correspondence address 08791 Direct all correspondence to: Customer Number Name Blakely, Sokoloff, Taylor & Zafman LLP 12400 Wilshire Boulevard, 7th Floor Address Zip Code 90025 State California Los Angeles **City** (408) 72 -8383 Telephone (408) 720-8300 Fex Country I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopard to the validity of the application or any patent issued thereon. A petition has been filed for this undersigned inventor NAME OF SOLE OR FIRST INVENTOR: Kulik S. Bains Full Name: (first, Middle [if any]. Family Name (or Surnume), and Suffix [if any]) Date inventor's Signature Citizenship India Olympia Washington USA Residence (Country) (City , State, Country) 9146 52nd Lane NE Mailing Address Olympia, Washington 98516 USA

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A petition has been filed for this undersigned inventor NAME OF SECOND INVENTOR: John B. Halbert Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Date Inventor's Signature ___ Citizenship USA Beaverton, Oregon USA Residence (City, Stare, Country) 15045 Ernerald Court Mailing Address Beaverton, Orogon 97007 USA A petition has been filed for this undersigned inventor NAME OF THIRD INVENTOR: Randy B. Osborne First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Inventor's Signature Citizenship Canada Beavenon, Oregon USA Residence (Clay, State, Country) 3542 N.W. 163rd Court Mailing Address Beaverton, Oregon 97006 USA A petition has been filed for this undersigned inventor NAME OF FOURTH INVENTOR: Full Name: (First, Middle [if any], Family Name (or Surname), and Suffix [if any]) Date Inventor's Signature Citizenship Residence (City, State, Country) Mailing Address A patition has been filed for this undersigned inventor NAME OF FIFTH INVENTOR: Full Name: (First, Middle [If any], Family Name (or Surname), and Suffix [If any]) Date Inventor's Signature Citizenship Residence (City , State, Country) Mailing Address -3-Docket No. 42P18551

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Appendix A

I hereby appoint with full power of aubstitution and revocation, to prosecute this application and to transact all t receipt appoint with refi power of suppliment with receipt, to proceed the application and to define a suppliment and business in the Patent and Trademark Office connected herewith, BLAKELY, SOKOLOFF, TAYLOR & ZAFM a firm Including: William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; Anthony H. Azure, Re e inm including: vyiman E. Alloid, Reg. No. 39,591; Jordan M. Backer, Reg. No. 39,602; Todd. M. Becker, Reg. No. 52,580; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Backer, Reg. No. 39,602; Todd. M. Becker, Reg. No. 43,487; Michael A. Bernadicou, Reg. No. 35,894; Roger W. Biakely, Jr., Reg. No. 25,831; R. Alan Burnel Reg. No. 45,628; Stephen M. De Klark, Reg. No. 48,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 48,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; Angelo J. Gaz, Reg. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; J. Scott Heileson, Reg. No. 48,78 James A. Henry, Reg. No. 41,064; Willmore F. Helbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,860; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44, 188; Steve Laut, Rog. No. 47,738; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindee Reg. No. 93,192; Jan C. Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Maille, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Mardnaz, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,096; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonse, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Hosther M. Molleur, Reg No. 50,432; Richard A. Nakashima, Reg. 42,879; Jonathan S. Miller, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. 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No. 48,011, and Lewis and Norman Zeiman, Reg. No. 25,250; my patent atterneys, and Brent E. Vecchia, Reg. No. 48,011, and Lewis and Norman Zeiman, Reg. No. 48,023; my patent agents, with offices located at 12400 Wilshire Boulevard, 7th Floor, Wang, Reg. No. 48,023; my patent agents, with offices located at 12400 Wilshire Boulevard, 7th Floor, Wang, Reg. No. 31,905; Rob Los Angeles, California 90025, telephone (310) 207-3800. It also appoint Alan K. Aldous, Rag. No. 31,905; Rob D. Anderson, Reg. No. 33,826; Shireen I. Bason, Reg. No. 40,494; Michael Barre, Reg. No. 44,023; Jay P. Beale, Rag. No. 50,901; R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert Chang, Reg. No. 48, 765; George Chen, Reg. No. 50,807; Glen B. Choi, Reg. No. 43,548; Kenneth Cool, Reg. No. 40,570; Ted A. Crewford, Reg. No. 50,810; Robert Diehl, Reg. No. 35,118; Jeffrey S. Draeger, Reg. No. 41,000; Cyythia Thomas Fastz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Shermini N. Green, Reg. 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No. 43,105; Mark Sejeley, D. Saylea, Reg. No. 44,318; Russell Scott, Reg. No. 43,103; Kenneth M. Seddon, Reg. No. 43,105; Mark Sejeley, Reg. No. 32,299; Amil P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabret, Reg. No. 38,279; Paul E. Stelner, Reg. No. 41,326; Joni D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; John E. Traufe, Reg. No. 43,268; Stualt John F. Travis, Reg. No. 43,203: Robert Wawrzyn, Reg. No. 54,654; Calvin E. Wells, Reg. No. 43,256; Stud John F. Travis, Reg. No. 43,203; Robert Wewrzyn, Reg. No. 54,554; Calvin E. Wells, Reg. No. 43,205; Stuart Whittington, Reg. No. 45,215; Michael Willardson, Reg. No. 50,868; Robert Winkie, Reg. No. 37,474; Rita Wisor, Reg. No. 41,382; Sharon Wong, Reg. No. 37,760; and Steven D. Yates, Reg. No. 42,242; my patent attorneys, and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Blvd., Santa and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Blvd., Santa Clara, CA 95052, telephone (408)765-8080; and James R. Thein, Reg. No. 31,710, and John F. Kącvinsky, Reg. No. 40,040, my patent attorneys; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

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Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office Is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good falls in patentability. Each individual associated with the office all information known to that individual to be natural to falls in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be natural to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the daim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information, which is not material to the patentability of any daim. The duty to disclose all information known to be material to patentability of any daim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by the material to patentability of any daim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by \$51,97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or intempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The deset information over which individuals associated with the filling or prosecution of a patent application believe any pending claim patentably defined, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
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 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or presecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attempy, agent or inventor may comply with this section by disclosing information to the attempy, agent, or inventor.
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